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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/710,310	
	Filing Date	November 9, 2000	
	First Named Inventor	Marcos C. Tzannes	
	Group Art Unit	2631	
	Examiner Name	Not yet assigned	
Total Number of Pages in This Submission		Attorney Docket Number	081513-41

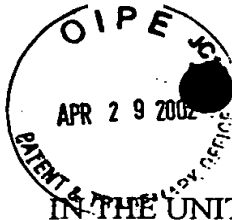
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Remarks		<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 19-2380 for the above identified docket number.

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<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Jason H. Vick Nixon Peabody LLP 8180 Greensboro Drive Suite 800 McLean, VA 22012
Signature	
Date	April 29, 2002

<b>CERTIFICATE OF MAILING</b>		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 20px; vertical-align: middle;"></span>		
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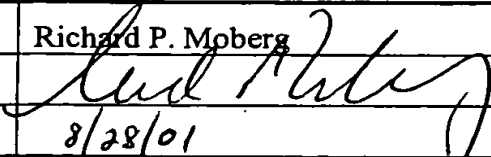
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REVOCATION/APPOINTMENT OF POWER OF ATTORNEY

Commissioner for Patents  
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In the matters listed on the attached sheet (21 U.S. issued patents and 22 U.S. pending patent applications), we hereby revoke all Powers of Attorney heretofore given by us and appoint as our Attorneys the Practitioners at Customer Number 22204 with full power of substitution, association, and revocation, to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith. Furthermore, please change the correspondence address for the cases listed on the attached sheet to Jason H. Vick, NIXON PEABODY LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102.

I am the:	
<input type="checkbox"/> Applicant/Inventor.	
<input checked="" type="checkbox"/> Assignee of record of the entire interest. See 37 CFR 3.71. <i>Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).</i>	
SIGNATURE of Applicant or Assignee of Record	
Name	Richard P. Moberg
Signature	
Date	8/28/01

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Our Reference	Client Reference	Serial No.	Patent No.	Title	Reel/Frame	Status
081513-21	AWR-005	09/581,400		Multicarrier Transmission System With Low Power Sleep Mode and Rapid-On Capability	011130/0775	Pending
081513-22	AWR-004CN	09/573,816		Method and Apparatus For Varying Power Levels In A Multicarrier Modem	011473/0950	Pending
081513-23	AWR-004CN2	09/597,926		Method and Apparatus For Communicating With Multiple Remote Transceivers	011475/0167	Pending
081513-24	AWR-002C	09/522,870		A Method For Seamlessly Changing Power Modes In An ADSL System	011240/0684	Pending
081513-26	AWR-001	09/663,001		Dynamic Switching Between Active Application Sets	011405/0191	Pending
081513-27	AWR-002B	09/523,086		Method For Synchronizing Seamless Rate Adaptation	011010/0319	Pending
081513-28	AWR-002A	09/522,869		Seamless Rate Adaptive Multicarrier Modulation System And Protocols	011010/0323	Pending
081513-37	AWR-016	09/710,319		Time Diversity Method And Apparatus For Improving Transmission Bit Rate In A Multicarrier System	011395/0718	Pending
081513-38	AWR-006CN	09/421,835		Adaptive Allocation For Variable Bandwidth Multicarrier Communication	8932/0153	Pending
081513-39	AWR-006	08/873,421	6,072,779	Adaptive Allocation For Variable Bandwidth Multicarrier Communication	8932/0153	Issued

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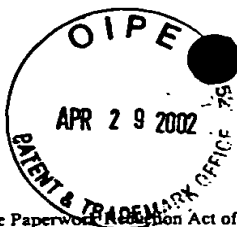


Our Reference	Client Reference	Serial No.	Patent No.	Title	Reel/Frame	Status
081513-40	AWR-007	09/600,971		Bit Allocation Among Carriers In Multicarrier Communications	011189/0182	Pending
081513-41	AWR-017	09/710,310		A System And Method For Scrambling The Phase Of The Carriers in a Multicarrier Communication System	010877/0307	Pending
081513-42	AWR-020	08/804,909	6,252,909	Multicarrier Transmission System Utilizing Channels of Different Bandwidth	010913/0057 011011/0755	Issued
081513-43	AWR-012	09/738,785		Intelligent Rate Option Determination Method Applied To ADSL Transceiver	010771/0652	Pending
081513-44	AWR-019	09/663,758		A Method And A Multicarrier Transceiver With Stored Application Profiles For Supporting Multiple Applications	011171/0341	Pending
081513-62	AWR-021	09/616,954		A System And Method For Transmitting Messages Between Transceivers Using Electromagnetically Coupled Signals	011101/0322	Pending
081513-69	AWR-048	09/774,986		Cache System And Method For Generating Uncached Objects From Cached And Stored Object Components	Recordation of Assignment filed 09/27/2001	Pending
081513-92		60/278,936		Receiver Transparent Q-mode	Recordation of Assignment filed 09/27/2001	Pending
081513-94		60/283,467		Receiver Transparent Q-mode with On-line Reconfiguration	Recordation of Assignment filed 09/27/2001	Pending
081513-97	AWR-014	07/388,384	4,974,187	Modular Digital Signal Processing System	5132/0301	Issued

Our Reference	Client Reference	Serial No.	Patent No.	Title	Reel/Frame	Status
081513-98	AWR-015	07/230,529	4,904,073	Fractal Tiling For Multiple Mirror Optical Devices	4917/0351	Issued
081513-99	AWR-018	08/340,747	5,636,246	Improved Multicarrier Transmission System	7237/0294-0297	Issued
081513-100	AWR-022	08/670,245	5,751,716	Multicarrier Transmission System Adapted For Packet Data Transfer	8949/0229	Issued
081513-101	AWR-023	08/591,831	5,631,610	Single-Side Band Modulation System For Use In Digitally Implemented Multicarrier Transmission System	8301/0162	Issued
081513-102	AWR-024	08/668,575	5,715,280	Method For Partially Modulating And Demodulating Data In A Multicarrier Transmission System	8751/0026	Issued
081513-103	AWR-027	08/876,044	6,021,378	Compression System For Seismic Data	Recordation of Assignment filed 09/28/2001	Issued
081513-104	AWR-026	07/561,449	5,148,498	Image Coding Apparatus And Method Utilizing Separable Transformations	5427/0405-0412	Issued
081513-105	AWR-028	08/661,974	5,832,030	Multicarrier Transmission System Utilizing Channels With Different Error Rates	9137/0328-0330	Issued
081513-106	AWR-029	09/086,198	5,359,627	Channels Codec Apparatus And Method Utilizing Flat Codes	5822/0573-0574	Issued
081513-107	AWR-030	08/307,331	5,606,642	Audio Decompression System Employing Multi-Rate Signal Analysis	6332/0749-0751 6296/0332-0333 6299/0913-0914	Issued

Our Reference	Client Reference	Serial No.	Patent No.	Title	Reel/Frame	Status
081513-108	AWR-032	07/786,722	5,272,530	Method And Apparatus For Coding Motion Pictures Utilizing Motion Compensation	5921/0711-0712	Issued
081513-109	AWR-033	08/002,113	5,583,952	Method And Apparatus For Representing An Image By Iteratively Synthesizing High And Low Frequency Components	5262/0328-0329	Issued
081513-110	AWR-034	07/563,275	5,081,645	Novel Spread Spectrum Codec Apparatus And Method	5446/0763-0770	Issued
081513-111	AWR-035	07/531,468	5,101,446	Method And Apparatus For Coding An Image	5368/0334-0337 5377/0721-0722	Issued
081513-112	AWR-036	07/669,773	5,121,191	Method And Apparatus For Coding Motion Pictures	5753/0821-0828	Issued
081513-113	AWR-037	08/105,796	5,497,398	Multicarrier Transceiver	6673/0631-0634	Issued
081513-114	AWR-038	07/948,147	5,408,580	Audio Compression System Employing Multi-Rate Signal Analysis	6332/0749-0751 6296/0332-0333 6299/0913-0914	Issued
081513-115	AWR-039	08/016,786	5,301,020	Method And Apparatus For Coding Motion Pictures Utilizing Motion Compensation	6457/0215-0216	Issued
081513-116		60/285,054		Forward Model Computation In Single-Ended Time Domain Loop Characterization Using ABCD-matrix Theory of Transmission Lines	Recordation of Assignment filed 09/27/2001	Pending
081513-119		60/287,968		Receiver Transparent Q-mode With On-Line Reconfiguration And Scrambling	Recordation of Assignment filed 09/27/2001	Pending

Our Reference	Client Reference	Serial No.	Patent No.	Title	Reel/Frame	Status
081513-129		60/293,034		Receiver Transparent Q-mode With On-Line Reconfiguration, Scrambling and Q-mode Symbol "Distortion"	Recordation of Assignment filed 09/27/2001	Pending
081513-130		60/293,035		Medley Signal For ADSL	Recordation of Assignment filed 09/27/2001	Pending
081513-133		60/296,697		Variable State Length Initialization	Recordation of Assignment filed 09/27/2001	Pending



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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: AWARE, Inc.

Application No./Patent No.: See Attached Sheet

Filed/Issue Date: See Attached Sheet

Entitled: See Attached Sheet

AWARE, Inc.

(Name of Assignee)

, a corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel See Attached Sheet, Frame See Attached Sheet, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
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2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

8/28/01  
Date

Richard P. Moberg  
Typed or printed name  
[Signature]  
Signature  
Treasurer and CFO of Aware, Inc.  
Title

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